PTO/SB/05 (05-03)
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						A8319.0024/P024			
UTILITY		First In	ventor	Mak	oto Tsun	nura			
PATENT APPLICATION TRANSMITTAL		Title	itle LIQUID CRYSTAL			,			
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Expres	ss Mail Label No.						
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.				ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original, and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 73]  (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 17]  5. Oath or Declaration [Total Sheets 4]  a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supp				7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. X Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449 X Citations  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. X Other: Claim for Priority and Submission of Documents					
Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner  For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
	19. COR	RESPO	NDENCE	ADDR	ESS				
X Customer Number or Bar Code Label			24998			or X	Correspondenc	e address below	
Name DICKSTEIN SHAPIRO I Mark J. Thronson	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  Mark J. Thronson								
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Signature Date July 8, 2003							3		



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FEE TO AMOSULTE AL		Complete if Known						
FEE TRANSMITTAL	Application Number				er	Not Yet Assigned		
for FY 2003		Filing Date			Concurrently Herewith			
Effective 01/01/2003, Patent fees are subject to annual revision.	First Named Inven			ntor	Makoto Tsumura			
Endance Onon 2003, Patent lees are subject to annual revision.		Examiner Name				Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27	,	Art Unit				N/A		
TOTAL AMOUNT OF PAYMENT (\$) 790.00		Attomey Docket No.			O.	A8319.00	024/P024	
METHOD OF PAYMENT (check all that apply)	T			FEE	CALCUL	ATION (co	ontinued)	
Check V Credit Money Other None	3. ADDITIONAL FEES							
X Deposit Account	3. ADDITIONAL PLES							
Deposit Deposit	Large Entity Small Entity							
Account Number 04-1073	Fee Code	Fee	Fee Code	Fee	_	Fee Desc	cription	
		- (\$) -		- (\$)			•	Fee Paid
Account Dickstell Chapito World &	1051	130	2051	65		- late filing fe		
Name USRIRSKY LLP The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge - sheet.	- late provision	onal filing fee or cover	
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		h specificatio	n	
Charge any additional fee(s) dunng the pendency of this	1812	2,520	1812			request for ex parte reexamination		
application				920*	_		of SIR prior to	
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804		Examiner a	ction		· ·
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Examiner a	publication o	or SIR after	
FEE CALCULATION	1251	110	2251	55		or reply within		
1. BASIC FILING FEE Large Entity Small Entity	1252	410	2252	205			n second month	
Fee Fee Fee Fee Description Fee Paid	1253	930	2253	465			n third month	
Code (\$) Code (\$)	1254	1,450	2254	725		• •	n fourth month	
1001   750   2001   375   Utility filing fee     750.00	1255 1401	1,970 320	2255 2401	985 160		or reply within	n fifth month	
1003 520 2003 260 Plant filing fee	1402	320	2402		Notice of Appeal Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	<b>J</b>	oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to in	institute a public use proceeding		
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to r	o revive – unavoidable		
	1453	1,300	2453	650		to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1501	1,300	2501			Je fee (or reissue)		
Claims below Fee Paid	1502	470	2502	235	Design issu			
Total Claims 17 -20** = x = 0.00	1503	630	2503		Plant issue			
Claims 3 -3 =	1460	130	1460	130		the Commiss		
Multiple Dependent =	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180			on Disclosure Strnt	
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40			issignment per of properties)	40.00
1202 18 2202 9 Claims in excess of 20		750	2809	375	Filing a sub (37 CFR 1,1		final rejection	
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid		750	2810	375	For each ac	ditional inve		
1204 84 2204 42 ** Reissue independent claims		750	2801	375		37CFR 1.129 Continued E	(b)) Examination (RCE)	<del></del>
over original patent		900	1802	900	Request for	expedited ex	• •	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 request for expedited examination of a design application  Other fee (specify)							
SUBTOTAL (2) (\$) 0.00	*Redu	iced by E	Basic Fil	ing Fee	Paid	SUBTO	TAL (3) (\$)	40.00
SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.0 *or number previously paid, if greater; For Reissues, see above								
SUBMITTED BY						Complete (	(if applicable)	
Name (Print/Type) Mark J. Thronson		gistration No. 33,082 Telephone (202)				(202) 775-4742	)2) 775-4742	
Signature MA						July 8, 2003		